

LISTING OF THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the above-identified application:

1. (Currently Amended) ~~A lifting~~ Lifting device to be mounted in a motor vehicle and intended, in case the vehicle is involved in an accident, to be activated so as to put a lifting element under a spring tension ~~being spring-tensioned~~ in the lifting device in motion, wherein the lifting device comprises:

a locking device intended to cooperate with the lifting element for locking the lifting element[[it]] in a spring-tensioned position, and

a release mechanism comprising a striking element intended to release the ~~locked~~ lifting element, when locked, by means of striking-pin action so the lifting element[[it]] can be put in motion under the influence of the spring tension;

wherein the locking device comprises:

a plurality of spherical elements, and

an operating element being movable in a[[the]] lifting direction of the lifting element, wherein the striking element is situated at a distance from the operating element and intended to strike the operating element from below for moving the operating element[[it]] from a first position, in which the operating element[[it]] cooperates with the spherical elements so as to lock the lifting element in the lifting direction, to a second position, situated above the first position ~~and in which the locking action ceases~~.

2. (Original) Lifting device according to claim 1, comprising a housing extended in the lifting direction, in which housing the lifting element, the locking device and the release mechanism are arranged, wherein the operating element when situated in the first position, the spherical elements are held in a radial outer position with respect to the lifting direction, and in which they are engaged with the housing for locking the lifting element with respect to the housing, and when

situated in the second position, the spherical elements have moved to a radial inner position, in which they no longer are engaged with the housing.

3. (Original) Lifting device according to claim 2, wherein the housing comprises on the inside of the housing a circumferentially extended cavity for receiving the spherical elements when they are held in the radial outer position.

4. (Original) Lifting device according to claim 2, wherein the locking device comprises radially extended ducts in which the spherical elements are movably arranged.

5. (Original) Lifting device according to claim 4, wherein each in the radial direction extended duct comprises a plurality of successively arranged spherical elements.

6. (Original) Lifting device according to claim 2, wherein the locking device forms part of the spring-tensioned lifting element, and the spherical elements are arranged in the locking device in such a way that that said spring tension forces the spherical elements, from the radial outer position to the radial inner position when the operating element has reached the second position.

7. (Original) Lifting device according to claim 2, wherein the operating element comprises an upper substantially cylindrical portion and a lower cylindrical portion, the upper portion having a larger diameter than the lower portion, wherein the upper portion is intended to be in contact with the spherical elements when the operating element is situated in the first position so as to hold the spherical elements in the radial outer position.

8. (Original) Lifting device according to claim 1, wherein the operating element is resiliently arranged by means of a compression spring in the locking

device in such a way that the spring is tensioned when the operating element is moved from the first position to the second position.

9. (Original) Lifting device according to claim 8, wherein the spring constant of the compression spring is chosen so that the spherical elements will be put in motion towards the outer position, when the operating element is moved from the second position to the first position in situations when the lifting element is pushed in the opposite direction as the lifting direction and the spherical elements reach the radial outer position.

10. (Original) Lifting device according to claim 9, wherein the upper portion is inclined with an angle (β) of 1-10.degree., slightly outwards seen in the lifting direction.

11. (Original) Lifting device according to claims 2, wherein the housing forms a pressure tight space in which an overpressure can prevail and where the lifting element is intended to function as a piston in a gas spring.

12. (Original) Lifting device according to claim 11, wherein the striking element at rest is located at a distance from the underside of the operating element.

13. (Original) Lifting device according to claim 12, wherein the distance is within the interval 1-10 mm.

14. (Original) Lifting device according to claim 1, wherein the striking element forms part of a low-resistant pushing solenoid.

15. (Original) Lifting device according to claim 3, wherein the angle (α) between the tangent, in the point where the spherical elements are in contact with

the cavity when the operating element is situated in the first position, and the horizontal plane lies within the interval $20-40^{\circ}$.